

10. (Amended) A mobile station apparatus comprising:
the rate matching apparatus according to claim 5; and
a transmission/reception apparatus which inputs a frame
extracted from a received signal to said rate matching apparatus
at the time of receiving signals, while further inputting a frame
to be transmitted to said rate matching apparatus at the time of
transmitting signals.

Please add the following new claims:

--11. A base station apparatus comprising:
the rate matching apparatus according to claim 6; and
a transmission/reception apparatus which inputs a frame
extracted from a received signal to said rate matching apparatus
at the time of receiving signals, while further inputting a frame
to be transmitted to said rate matching apparatus at the time of
transmitting signals.

12. A base station apparatus comprising:
the rate matching apparatus according to claim 7; and
a transmission/reception apparatus which inputs a frame
extracted from a received signal to said rate matching apparatus
at the time of receiving signals, while further inputting a frame

to be transmitted to said rate matching apparatus at the time of transmitting signals.

13. A base station apparatus comprising:

the rate matching apparatus according to claim 8; and
a transmission/reception apparatus which inputs a frame extracted from a received signal to said rate matching apparatus at the time of receiving signals, while further inputting a frame to be transmitted to said rate matching apparatus at the time of transmitting signals.

14. A mobile station apparatus comprising:

the rate matching apparatus according to claim 6; and
a transmission/reception apparatus which inputs a frame extracted from a received signal to said rate matching apparatus at the time of receiving signals, while further inputting a frame to be transmitted to said rate matching apparatus at the time of transmitting signals.

15. A mobile station apparatus comprising:

the rate matching apparatus according to claim 7; and
a transmission/reception apparatus which inputs a frame extracted from a received signal to said rate matching apparatus at the time of receiving signals, while further inputting a frame

to be transmitted to said rate matching apparatus at the time of transmitting signals.

16. A mobile station apparatus comprising:

the rate matching apparatus according to claim 8; and

a transmission/reception apparatus which inputs a frame extracted from a received signal to said rate matching apparatus at the time of receiving signals, while further inputting a frame to be transmitted to said rate matching apparatus at the time of transmitting signals.--
